

CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- Before this Amendment: Claims 1-24, 26-28 and 33-38.
- After this Amendment: Claims 1-24, 26-28 and 33-38.

Non-Elected, Canceled, or Withdrawn claims: 25 and 29-32

Amended claims: 1, 13, 33.

New claims: None

[0003] Applicant respectfully requests reconsideration and allowance of all of the claims of the application. Claims are presently pending. Claims amended herein are 1, 13 and 33. Claims withdrawn or cancelled herein are 25 and 29-32. No new claims added herein.

Claims:

Claim 1 (Currently amended): A method comprising:
identifying multimedia elements having a single linear time-code number;
adding a prefix value to linear time-code numbers of each identified multimedia element; and
adding suffix values to the linear time-code numbers of each identified multimedia element.

Claim 2 (Original): The method of claim 1 wherein the multimedia elements comprise audio video elements and interspersed elements.

Claim 3 (Original): The method of claim 1 wherein the prefix value comprises a title value.

Claim 4 (Original): The method of claim 1 wherein the suffix values comprise language value, angle value, and parental block value.

Claim 5 (Original): The method of claim 1 wherein linear time-code numbers with prefix and suffix values are resident in a time map table that associates the multimedia elements to linear time-code numbers.

Claim 6 (Original): The method of claim 5 wherein the time map is used by a DVD player to point to particular sectors on a DVD disc containing content representing the multimedia elements.

Claim 7 (Original): The method of claim 5 wherein the time map table is part of a file that provides pointers to data structures in a medium.

Claim 8 (Original): A DVD player that implements the method of claim 7, and wherein the medium is a DVD disc.

Claim 9 (Original): A broadcast point that performs the method of claim 1.

Claim 10 (Original): A multimedia device that performs the method of claim 1.

Claim 11 (Original): The method of claim 1 further comprising identifying elements without a linear time-code number, and adding a linear time-code to the identified elements without a linear time-code.

Claim 12 (Original): The method of claim 11 wherein the elements are interspersed between audio video elements that have linear time-code numbers.

Claim 13 (Currently amended): A method comprising:
identifying a title value describing a particular multimedia presentation content comprised of multimedia elements described by extended time-code numbers, wherein the multimedia elements have a single extended time code;
and
searching for particular multimedia elements based on their extended time-code numbers.

Claim 14 (Original): The method of claim 13 wherein the extended time-code numbers comprise a prefix and suffixes.

Claim 15 (Original): The method of claim 13 wherein the searching is performed based on the prefix and on one or more of the suffixes.

Claim 16 (Original): The method of claim 13 wherein the suffixes comprise angle, language, and parental block.

Claim 17 (Original): The method of claim 13 wherein the searching is performed based on a time map table that associates multimedia elements with extended time-code numbers.

Claim 18 (Original): A DVD player that implements the method of claim 17.

Claim 19 (Original): A personal video recorder that implements the method of claim 17.

Claim 20 (Original): The method of claim 17 wherein the time map table is part of an information file that provides navigation and presentation information for titles in a medium.

Claim 21 (Original): A DVD player that implements the method of claim 20, wherein the medium is a DVD disc.

Claim 22 (Original): A personal video recorder that implements the method of claim 20.

Claim 23 (Original): A multimedia device that performs the method of claim 13.

Claim 24 (Original): A multimedia player that performs the method of claim 13.

Claim 25 (Withdrawn): A method comprising:
receiving multimedia elements with a linear time-code;
receiving multimedia elements without a linear time-code;
attaching linear time-codes; and
synchronizing all multimedia elements based the unique linear time-codes.

Claim 26 (Original): A broadcast point that performs the method of claim 23.

Claim 27 (Original): A multimedia device that performs the method of claim 23.

Claim 28 (Original): A multimedia player that performs that method of claim 23.

Claim 29 (Withdrawn): A method comprising:
extending an information file in a DVD to provide added functionality in
describing content stored on the DVD, and
providing navigation and presentation information from the information file
for playback of various titles.

Claim 30 (Withdrawn): The method of claim 29 wherein the extending
the information file is performed by extended time-code numbers that describe
sequencing of the content.

Claim 31 (Withdrawn): The method of claim 29 wherein the extending
the information files adds a time map table that describes sequencing of the
content.

Claim 32 (Withdrawn): The method of claim 29 wherein the extending
the information files is performed by receiving information describing the added
functionality from a separate source from the DVD.

Claim 33 (Currently amended): A multimedia device comprising:
a processor;
a multimedia storage module executable on the processor and configured to store multimedia presentation content comprising of multimedia elements;
and
an extended time-code number module executable on the processor configured to append extended time-code numbers to multimedia element without a time-code number, wherein each multimedia element has a single time-code number.

Claim 34 (Original): The multimedia device of 33 further comprising a multimedia player module executable on the processor and configured to play the audio/video element and interspersed elements.

Claim 35 (Original): The multimedia device of claim 33 wherein the multimedia player is configured to search for audio/video element and interspersed elements based on extended time-code numbers.

Claim 36 (Original): The multimedia device of claim 33 further comprising a multimedia player.

Claim 37 (Original): The multimedia device of claim 33 wherein the multimedia device is a DVD player.

Claim 38 (Original): The multimedia device of claim 33 wherein the multimedia device is a personal video recorder.

Claim 39 (Canceled)

Claim 40 (Canceled)

Claim 41 (Canceled)

Claim 42 (Canceled)